

Technical Soil Descriptions

Technical soil descriptions describe the characteristics or properties (physical and chemical) of the soil including the parent material in which it formed. A pedon, a small three-dimensional area of the soil, serves as the reference point for the technical or soil series description. The soil description compares the soil to similar and other nearby soils and also includes a range of important characteristics. The detailed description method follows standards outlined in the [Soil Survey Manual](#) and many of the technical terms used in the description are defined in [Soil Taxonomy](#).

Counties with Published Soil Surveys

Technical soil descriptions are located in the county soil survey descriptive legend.

Counties without Published Soil Surveys

Technical soil descriptions can be found in adjacent county published soil survey descriptive legends or at our [Official Soil Series Description](#) web site.

This section includes:

- (a) **Classification of the soils**

Cedar County, Missouri
 Classification of the Soils

Soil name	Family or higher taxonomic class
Alsup-----	Fine, mixed, active, mesic Oxyaquic Hapludalfs
Arnica-----	Fine-loamy, mixed, active, thermic Oxyaquic Hapludalfs
Barco-----	Fine-loamy, mixed, active, thermic Humic Hapludults
Barden-----	Fine, mixed, active, thermic Aquollie Hapludalfs
Bolivar-----	Fine-loamy, mixed, active, thermic Ultic Hapludalfs
Bona-----	Clayey-skeletal, mixed, semiactive, mesic Typic Paleudolls
Cleora-----	Coarse-loamy, mixed, active, thermic Fluventic Hapludolls
Cliquot-----	Fine, mixed, semiactive, mesic Oxyaquic Hapludults
Collinsville-----	Loamy, siliceous, superactive, thermic Lithic Hapludolls
Cotter-----	Fine-silty, mixed, superactive, mesic Pachic Argiudolls
Courtois-----	Fine, mixed, active, mesic Typic Paleudalfs
Creldon-----	Fine, mixed, active, mesic Oxyaquic Fragiudalfs
Dameron-----	Fine-loamy, mixed, superactive, mesic Cumulic Hapludolls
Eldorado-----	Loamy-skeletal, mixed, active, thermic Typic Paleudolls
Gatewood-----	Very-fine, mixed, active, mesic Oxyaquic Hapludalfs
Goss-----	Clayey-skeletal, mixed, active, mesic Typic Paleudalfs
Hartville-----	Fine, mixed, active, mesic Aquic Hapludalfs
Hoberg-----	Fine-loamy, siliceous, active, mesic Oxyaquic Fragiudalfs
Hobson-----	Fine-loamy, siliceous, active, mesic Oxyaquic Fragiudalfs
Horsecreek-----	Fine-silty, mixed, active, mesic Mollic Hapludalfs
Humansville-----	Fine-silty, mixed, superactive, mesic Cumulic Endoaquolls
Kanima-----	Loamy-skeletal, mixed, active, nonacid, thermic Alfic Udarents
Moko-----	Loamy-skeletal, mixed, superactive, mesic Lithic Hapludolls
Moniteau-----	Fine-silty, mixed, superactive, mesic Typic Endoaqualfs
Ocie-----	Loamy-skeletal over clayey, mixed, semiactive, mesic Oxyaquic Hapludalfs
Parsons-----	Fine, mixed, active, thermic Mollic Albaqualfs
Plato-----	Fine, mixed, active, mesic Aquic Fragiudalfs
Pomme-----	Fine-loamy, mixed, semiactive, mesic Typic Paleudalfs
Quarles-----	Fine, mixed, active, thermic Mollic Endoaqualfs
Racket-----	Fine-loamy, mixed, superactive, mesic Cumulic Hapludolls
Secesh-----	Fine-loamy, siliceous, active, mesic Ultic Hapludalfs
Sonsac-----	Clayey-skeletal, mixed, active, mesic Typic Hapludalfs
Sturkie-----	Fine-silty, mixed, superactive, mesic Cumulic Hapludolls
Sylvania-----	Fine, mixed, active, thermic Oxyaquic Haplohumults
Viraton-----	Fine-loamy, siliceous, active, mesic Oxyaquic Fragiudalfs
Wanda-----	Fine-loamy, mixed, active, mesic Typic Paleudolls